What is claimed is:

1. An image forming apparatus comprising:

an image forming device that forms images on sheets in accordance with an image forming job;

5 a conveying device that conveys the sheets on which the images have been formed by said image forming device to a container detachably attached to the image forming apparatus; and

a writing device that writes information relating 10 to the image forming job for the sheets conveyed by said conveying device into a memory provided in the container.

2. An image forming apparatus according to claim 1, wherein said writing device writes identification 15 information relating to the image forming job.

3. An image forming apparatus according to claim 1, wherein said writing device writes page information relating to the images formed on the sheets.

4. An image forming apparatus according to claim 20 1, wherein said writing device writes information relating to at least one selected from the group consisting of sheet size, print number, number of sheets, number of copies, sheet stacking method, material, page order, and image forming apparatus 25 identity.

5. An image forming apparatus according to claim 1, wherein said writing device writes at least one

selected from the group consisting of information for distinguishing a sheet with an abnormality and information for distinguishing a set of sheets that include a sheet with an abnormality.

5   6.   An image forming apparatus according to claim 5, wherein the abnormality is at least one abnormality selected from the group consisting out of multiply feeding or skewing of sheets, registration misalignment, and color abnormality after image formation.

10   7.   An image forming apparatus according to claim 1, wherein the container is detachably attached to another image forming apparatus and contains sheets.

8.   An image forming apparatus comprising:

an image forming device that forms images on

15 sheets in accordance with an image forming job;

a feeding device that feeds sheets stored in a container detachably attached to the image forming apparatus; and

a reading device that reads information written

20 into a memory provided in the container and relating to the image forming job for the sheets stored in the container.

9.   An image forming apparatus according to claim 8, comprising a control device that performs processing

25 of at least one sheet with an abnormality contained in the container, based on the information read by said reading device.

10. An image forming apparatus comprising:

an image forming device that performs image formation on sheets;

a container device that is attached to the image

5 forming apparatus and contains the sheets on which image formation has been performed by said image forming device;

a storage device that is provided in said storage device and stores storage information relating to the

10 sheets;

a detecting device that detects whether there is an abnormality in the sheets; and

a control device that generates recovery information for recovering at least one sheet for which

15 an abnormality has been detected by said detecting device, and stores the recovery information in said storage device.

11. An image forming apparatus comprising:

an image forming device that performs image

20 formation on sheets;

a container device that is detachably attached to the image forming apparatus and contains sheets on which image formation has been performed by another image forming apparatus;

25   a storage section that is provided in said container device and stores storage information relating to the sheets contained in said container

device;

an insertion device that inserts the sheets contained in said container device into the sheets on which image formation has been performed by said image

5   forming device; and

a control device operable when said container device is attached to the image forming apparatus while recovery information including information capable of determining whether there is an abnormality in the

10   sheets is stored in said storage device as the storage information, for causing said insertion device to insert the sheets contained in said container device into the sheets on which information formation has been performed by said image forming device, based on the

15   recovery information.

12. An image forming apparatus comprising:

an image forming device that performs image formation on sheets;

an insertion device that is attached to the image

20   forming apparatus and performs a sheet insertion of sheets on which image formation has been performed by another image forming apparatus into the sheets on which image formation has been performed by said image forming device;

25   a container device that is attached to said insertion device and contains the sheets on which image formation has been performed by the other image forming

apparatus;

a storage device that is provided in said container device and stores storage information relating to the sheets;

5   an insertion control device operable when said container device is attached to said insertion device, for causing said insertion device to perform the sheet insertion based on the storage information stored in said storage device;

10   a detection device that detects whether there is an abnormality in the sheets;

a first recovery device that performs a first recovery process when an abnormality in any of the sheets is detected by said detection device; and

15   a writing device that writes information that is necessary for recovery into said storage device provided in said container device.

13. An image forming apparatus according to claim 12, further comprising a second recovery device

20   operable when the information that is necessary for a recovery has been written into said storage device and said storage device has been attached to said insertion device, for performing a second recovery process based on the information that is necessary for a recovery in

25   said storage device.

14. An image forming system having a plurality of image forming apparatuses, and a network via which the

image forming apparatuses are connected, at least one
of the image forming apparatuses comprising:

an image forming device that forms images on
sheets in accordance with an image forming job;

5   a conveying device that conveys the sheets on
which the images have been formed by said image forming
device to a container detachably attached to the image
forming apparatus; and

a writing device that writes information relating

10   to the image forming job for the sheets conveyed by
said conveying device into a memory provided in the
container.

15.   An image forming system having a plurality of
image forming apparatuses, and a network via which the

15   image forming apparatuses are connected, at least one
of the image forming apparatuses comprising:

an image forming device that forms images on
sheets in accordance with an image forming job;

a feeding device that feeds sheets stored in a

20   container detachably attached to the image forming
apparatus; and

a reading device that reads information written
into a memory provided in the container and relating to
the image forming job for the sheets stored in the

25   container.

16.   An image forming system having a plurality of
image forming apparatuses, and a network via which the

image forming apparatuses are connected, at least one of the image forming apparatuses comprising:

an image forming device that performs image formation on sheets;

5　　a container device that is attached to the image forming apparatus and contains the sheets on which image formation has been performed by said image forming device;

a storage device that is provided in said storage
10　device and stores storage information relating to the sheets;

a detecting device that detects whether there is an abnormality in the sheets; and

a control device that generates recovery
15　information for recovering at least one sheet for which an abnormality has been detected by said detecting device, and stores the recovery information in said storage device.

17. An image forming system having first and
20　second image forming apparatuses, and a network via which the first and second image forming apparatuses are connected, the first image forming apparatus comprising:

an image forming device that performs image
25　formation on sheets;

a container device that is detachably attached to the first image forming apparatus and contains sheets

on which image formation has been performed by the
second image forming apparatus;

a storage section that is provided in said storage
device and stores storage information relating to the
5   sheets contained in said container device;

an insertion device that inserts the sheets stored
in said container device into the sheets on which image
formation has been performed by said image forming
device; and

10   a control device operable when said container
device is attached to the first image forming apparatus
while recovery information including information
capable of determining whether there is an abnormality
in the sheets is stored in said storage device as the
15   storage information, for causing said insertion device
to insert the sheets contained in said container device
into the sheets on which information formation has been
performed by said image forming device, based on the
recovery information.

20   18. An image forming system having first and
second image forming apparatuses, and a network via
which the first and second image forming apparatuses
are connected, the first image forming apparatus
comprising:

25   an image forming device that performs image
formation on sheets;

an insertion device that is attached to the first

image forming apparatus and performs a sheet insertion
of sheets on which image formation has been performed
by the second image forming apparatus into the sheets
on which image formation has been performed by said

5   image forming device;

a container device that is attached to said
insertion device and contains the sheets on which image
formation has been performed by the second image
forming apparatus;

10   a storage device that is provided in said
container device and stores storage information
relating to the sheets;

an insertion control device operable when said
container device is attached to said insertion device,

15   for causing said insertion device to perform the sheet
insertion based on the storage information stored in
said storage device;

a detection device that detects whether there is
an abnormality in the sheets;

20   a first recovery device that performs a first
recovery process when said detection device has
detected an abnormality in any of the sheets; and

a writing device that writes information that is
necessary for recovery into said storage device

25   provided in said storage device.

19. A recovery processing method of an image
forming apparatus, the method comprising the step of:

an image forming step that forms images on sheets in accordance with an image forming job;

a conveying step that conveys the sheets on which the images have been formed in said image forming step

5   to a container detachably attached to the image forming apparatus; and

a writing step that writes information relating to the image forming job for the sheets conveyed in said conveying step into a memory provided in the container.

10   20. A recovery processing method for an image forming apparatus, comprising the steps of:

an image forming step of forming images on sheets in accordance with an image forming job;

a feeding step of feeding sheets stored in a

15   container detachably attached to the image forming apparatus; and

a reading step of reading information written into a memory provided in the container and relating to the image forming job for the sheets stored in the

20   container.

21. A recovery processing method for an image forming apparatus, comprising the steps of:

an image forming step of performing image formation on sheets;

25   a containing step of containing the sheets on which image formation has been performed in said image forming step into a container device that is attached

to the image forming apparatus;

a storing step of storing storage information relating to the sheets in a storage device that is provided in the storage device;

5   a detecting step of detecting whether there is an abnormality in the sheets; and

a control step of generating recovery information for recovering at least one sheet for which an abnormality has been detected in said detecting step, 10 and storing the recovery information in the storage device.

22.   A recovery processing method for an image forming apparatus, comprising the steps of:

an image forming step of performing image 15 formation on sheets;

a containing step of containing the sheets on which image formation has been performed in said image forming step into a container device that is attached to the image forming apparatus and contains;

20   a storing step of storing storage information relating to the sheets in a storage device that is provided in the container device;

an insertion step of inserting the sheets contained in said containing step into the sheets on 25 which image formation has been performed in said image forming step; and

a control step of causing said insertion step to

insert the sheets contained in the container device
into the sheets on which information formation has been
performed in said image forming step, based on
recovery information including information capable of
5   determining whether there is an abnormality in the
sheets is stored in said storage device as the storage
information, when the container device is attached to
the image forming apparatus while the recovery
information is stored in the storage device as the
10   storage information.

23. A recovery processing method for an image
forming apparatus, comprising the step of:

an image forming step of performing image
formation on sheets;

15   an insertion step of causing an insertion device
that is attached to the image forming apparatus to
perform a sheet insertion of sheets on which image
formation has been performed by another image forming
apparatus into the sheets on which image formation has
20   been performed in said image forming step;

a containing step of containing the sheets on
which image formation has been performed by the other
image forming apparatus into a container device that is
attached to the insertion device;

25   a storing step of storing storage information
relating to the sheets in a storage device that is
provided in the container device;

an insertion control step of causing said insertion step to perform the sheet insertion based on the storage information stored in the storage device when the container device is attached to the insertion

5   device;

a detection step of detecting whether there is an abnormality in the sheets;

a first recovery step of performing a first recovery process when an abnormality in any of the

10   sheets is detected in said detection step; and

a writing step of writing information that is necessary for recovery into the storage device provided in the container device.

24.   A computer-readable program for implementing

15   a recovery processing method according to any of claims 20 to 22.

25.   A storage medium that stores a computer-readable program according to claim 23.